

U.S. Patent Application Serial No. 10/813,728
Reply to Office Action dated September 27, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Claim 1 is amended.

Listing of Claims:

1. (Currently Amended) A fuel injection system for an engine in a small-type vehicle comprising:

a cylinder head for an engine main body mounted on a vehicle body frame,

an intake passage portion extending rectilinearly so as to guide cleaned air from an air cleaner disposed on an upper side of said cylinder head, said intake passage portion being connected to an upper portion side wall of said cylinder head,

an injector for injecting a fuel into said intake passage portion from the upper side of a throttle valve, said injector being attached to said air cleaner, said throttle valve is incorporated in the intake passage portion, and

a fuel tank so disposed as to cover a rear portion and an upper portion of said air cleaner, wherein said injector is disposed on a front side relative to the center line of said intake passage portion.

2. (Original) The fuel injection system for an engine in a small-type vehicle as set forth in claim 1, wherein said injector is disposed on the front side relative to the center line of an oil supply port provided at a front portion of said fuel tank.

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3. (Original) The fuel injection system for an engine in a small-type vehicle as set forth in claim 2, wherein said injector is mounted to said air cleaner so that, on the projection onto a plain surface parallel to said center line of said oil supply port and said center line of said intake passage portion, an upper portion of said injector is disposed on the front side relative to the intersection of said center lines.

4. (Original) The fuel injection system for an engine in a small-type vehicle as set forth in claim 1, wherein a second injector for injecting the fuel into said intake passage portion is attached to a rear side portion of said intake passage portion.